

&lt;400&gt; 362

Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly  
1 5 10 15

Gly Asn Gly Ser Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu  
20 25 30

Ala Ala Arg Ala  
35

&lt;210&gt; 363

&lt;211&gt; 36

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:TPO-MIMETIC  
PEPTIDES

&lt;400&gt; 363

Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly Gly  
1 5 10 15

Gly Cys Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu  
20 25 30

Ala Ala Arg Ala  
35

&lt;210&gt; 364

&lt;211&gt; 57

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:Fc-TMP PCR  
PRIMER

&lt;400&gt; 364

aaaaaaggat cctcgagatt aagcacgagc agccagccac tgacgcagag tcggacc 57

&lt;210&gt; 365

&lt;211&gt; 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-TMP PCR  
PRIMER

<400> 365

aaaggtggag gtggtggtat cgaaggtccg actctgcgt

39

<210> 366

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:INTEGRIN  
BINDING PEPTIDE

<400> 366

cagtggctgg ctgctcgtgc ttaatctcga ggatcctttt tt

42

<210> 367

<211> 81

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-TMP

<400> 367

aaaggtggag gtggtggtat cgaaggtccg actctgcgtc agtggctggc tgctcgtgct 60  
taatctcgag gatccttttt t 81

<210> 368

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-TMP

<400> 368

ttcgatacca ccacctccac ctttaccgag agacagggag aggctcttct gc

52

<210> 369

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-TMP-TMP

<400> 369

aaaggtggag gtggtggtat cgaaggtccg actctgcgtc agtggctggc tgctcgtgct 60

<210> 370

<211> 48

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:FC PCR PRIMER

<400> 370

acctccacca ccagcacgag cagccagcca ctgacgcaga gtcggacc

48

<210> 371

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-TMP-TMP  
OLIGONUCLEOTIDE

<400> 371

ggtggtggag gtggcggcgg aggtattgag ggcccaaccc ttcgccaatg gcttgcagca 60  
cgcgca 66

<210> 372

<211> 76

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-TMP-TMP  
OLIGONUCLEOTIDE

&lt;400&gt; 372

aaaaaaagga tcctcgagat tatgcgcgtg ctgcaagcca ttggcgaagg gttggggccct 60  
 caatacctcc gccgcc 76

&lt;210&gt; 373

&lt;211&gt; 126

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:Fc-TNF ALPHA  
 PCR PRIMER

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (1)..(126)

&lt;400&gt; 373

aaa ggt gga ggt ggt ggt atc gaa ggt ccg act ctg cgt cag tgg ctg 48  
 Lys Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu  
 1 5 10 15

gct gct cgt gct ggt ggt gga ggt ggc ggc gga ggt att gag ggc cca 96  
 Ala Ala Arg Ala Gly Gly Gly Gly Gly Gly Gly Gly Ile Glu Gly Pro  
 20 25 30

acc ctt cgc caa tgg ctt gca gca cgc gca 126  
 Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala  
 35 40

&lt;210&gt; 374

&lt;211&gt; 42

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<223> Description of Artificial Sequence:Fc-TNF ALPHA  
 PCR PRIMER

&lt;400&gt; 374

Lys Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu  
 1 5 10 15

Ala Ala Arg Ala Gly Gly Gly Gly Gly Gly Gly Gly Ile Glu Gly Pro  
 20 25 30

Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala  
 35 40

<210> 375  
<211> 39  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Fc-MMP  
INHIBITOR

<220>  
<221> CDS  
<222> (4)..(732)

<400> 375  
ttt ttt cat atg atc gaa ggt ccg act ctg cgt cag tgg  
Phe His Met Ile Glu Gly Pro Thr Leu Arg Gln Trp  
1 5 10

39

<210> 376  
<211> 12  
<212> PRT  
<213> Artificial Sequence  
<223> Description of Artificial Sequence:Fc-MMP  
INHIBITOR

<400> 376  
Phe His Met Ile Glu Gly Pro Thr Leu Arg Gln Trp  
1 5 10

<210> 377  
<211> 48  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:MMP INHIBITOR  
Fc

<220>  
<221> CDS  
<222> (4)..(753)

&lt;400&gt; 377

agc acg agc agc cag cca ctg acg cag agt cgg acc ttc gat cat atg 48  
Thr Ser Ser Gln Pro Leu Thr Gln Ser Arg Thr Phe Asp His Met  
1 5 10 15

&lt;210&gt; 378

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<223> Description of Artificial Sequence:MMP INHIBITOR  
Fc

&lt;400&gt; 378

Thr Ser Ser Gln Pro Leu Thr Gln Ser Arg Thr Phe Asp His Met  
1 5 10 15

&lt;210&gt; 379

&lt;211&gt; 45

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:TMP-TMP-Fc  
OLIGONUCLEOTIDE

&lt;400&gt; 379

ctggctgctc gtgctggtgg aggcggtggg gacaaaactc acaca 45

&lt;210&gt; 380

&lt;211&gt; 51

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:INTEGRIN  
BINDING PEPTIDE

&lt;400&gt; 380

ctggctgctc gtgctggcgg tgggtggcgga gggggtggca ttgagggccc a 51

&lt;210&gt; 381

&lt;211&gt; 54

&lt;212&gt; DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:INTEGRIN  
BINDING PEPTIDE

<400> 381

aagccattgg cgaaggggttg ggccctcaat gccaccccct ccgccaccac cgcc

54

<210> 382

<211> 54

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:INTEGRIN  
BINDING PEPTIDE

<400> 382

acccttcgcc aatggcttg c agcacgcgca gggggaggcg gtggggacaa aact

54

<210> 383

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:INTEGRIN  
BINDING PEPTIDE

<400> 383

cccaccgcct cccctgcgc gtgctgc

27

<210> 384

<211> 189

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:INTEGRIN  
BINDING PEPTIDE

<220>

<221> CDS

<222> (10)..(189)

&lt;400&gt; 384

tttttttcat atg atc gaa ggt ccg act ctg cgt cag tgg ctg gct gct cgt 51  
 Met Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg

1

5

10

gct ggc ggt ggt ggc gga ggg ggt ggc att gag ggc cca acc ctt cgc 99  
 Ala Gly Gly Gly Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg  
 15 20 25 30

caa tgg ctg gct gct cgt gct ggt gga ggc ggt ggg gac aaa act ctg 147  
 Gln Trp Leu Ala Ala Arg Ala Gly Gly Gly Gly Gly Asp Lys Thr Leu  
 35 40 45

gct gct cgt gct ggt gga ggc ggt ggg gac aaa act cac aca 189  
 Ala Ala Arg Ala Gly Gly Gly Gly Gly Asp Lys Thr His Thr  
 50 55 60

&lt;210&gt; 385

&lt;211&gt; 60

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<223> Description of Artificial Sequence:INTEGRIN  
 BINDING PEPTIDE

&lt;400&gt; 385

Met Ile Glu Gly Pro Thr Leu Arg Gln Trp Leu Ala Ala Arg Ala Gly  
 1 5 10 15

Gly Gly Gly Gly Gly Gly Gly Ile Glu Gly Pro Thr Leu Arg Gln Trp  
 20 25 30

Leu Ala Ala Arg Ala Gly Gly Gly Gly Gly Asp Lys Thr Leu Ala Ala  
 35 40 45

Arg Ala Gly Gly Gly Gly Gly Asp Lys Thr His Thr  
 50 55 60

&lt;210&gt; 386

&lt;211&gt; 141

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence:INTEGRIN



## BINDING PEPTIDE

&lt;400&gt; 386

ctaattccgc tctcacctac caaacaatgc ccccttgcaa aaaataaatt catataaaaa 60  
 acatacagat aaccatctgc ggtgataaat tatctctggc ggtggtgaca taaataccac 120  
 tggcggatgat actgagcaca t 141

&lt;210&gt; 387

&lt;211&gt; 55

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:INTEGRIN  
 BINDING PEPTIDE

&lt;400&gt; 387

cgatttgatt ctagaaggag gaataacata tggttaacgc gttggaattc ggtac 55

&lt;210&gt; 388

&lt;211&gt; 872

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:INTEGRIN  
 BINDING PEPTIDE

&lt;400&gt; 388

ttattttcgt gcggccgcac cattatcacc gccagaggta aactagtcaa cacgcacggt 60  
 gttagatatt tatcccttgc ggtgatagat tgagcacatc gatttgattc tagaaggagg 120  
 gataatatat gagcacaaaa aagaaacat taacacaaga gcagcttgag gacgcacgtc 180  
 gccttaaagc aatttatgaa aaaaagaaaa atgaacttgg cttatcccag gaatctgtcg 240  
 cagacaagat ggggatggg cagtcaggcg ttggtgcttt atttaatggc atcaatgcat 300  
 taaatgctta taacgccgca ttgcttaca aaattctcaa agttagcgtt gaagaattta 360  
 gcccttcaat cgccagagaa tctacgagat gtatgaagcg gttagtatgc agccgtcact 420  
 tagaagtgag tatgagtacc ctgttttttc tcatgttcag gcagggatgt tctcacctaa 480  
 gcttagaacc ttaccaaaag gtgatgcgga gagatgggta agcacaacca aaaaagccag 540  
 tgattctgca ttctggcttg aggttgaagg taattccatg accgcaccaa caggctccaa 600  
 gccaagcttt cctgacggaa tggttaattct cgttgaccct gagcaggctg ttgagccagg 660  
 tgatttctgc atagccagac ttgggggtga tgagtttacc ttcaagaaac tgatcaggga 720  
 tagcggtcag gtgtttttac aaccactaaa cccacagtac ccaatgatcc catgcaatga 780  
 gagttgttcc gttgtgggga aagttatcgc tagtcagtgg cctgaagaga cgtttggtg 840  
 atagactagt ggatccacta gtgtttctgc cc 872

<210> 389  
 <211> 1197  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: INTEGRIN  
 BINDING PEPTIDE

<400> 389

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ggcggaacc gacgtccatc gaatggtgca aaacctttcg cggatatggca tgatagcgcc 60
cggaagagag tcaattcagg gtggtgaatg tgaaaccagt aacgttatac gatgtcgag 120
agtatgccgg tgtctcttat cagaccgttt cccgcgtggt gaaccaggcc agccacgttt 180
ctgcgaaaac gcgggaaaaa gtcgaagcgg cgatggcgga gctgaattac attcccaacc 240
gcgtggcaca acaactggcg ggcaaacagt cgctcctgat tggcgttgcc acctccagtc 300
tggccctgca cgcgccgtcg caaattgtcg cggcgattaa atctcgcgcc gatcaactgg 360
gtgccagcgt ggtggtgtcg atggtagaac gaagcggcgt cgaagcctgt aaagcggcgg 420
tgcacaatct tctcgcgcaa cgcgtcagtg ggctgatcat taactatccg ctggatgacc 480
aggatgccat tgctgtggaa gctgcctgca ctaatgttcc ggcgttattt cttgatgtct 540
ctgaccagac acccatcaac agtattattt tctcccatga agacggtagc cgactgggcg 600
tggagcatct ggtcgcattg ggtcaccagc aaatcgcgct gttagcgggc ccattaagtt 660
ctgtctcggc gcgtctgcgt ctggctggct ggcataaata tctcactcgc aatcaaattc 720
agccgatagc ggaacgggaa ggcgactgga gtgccatgtc cggttttcaa caaaccatgc 780
aaatgctgaa tgagggcatc gtteccactg cgatgctggt tgccaacgat cagatggcgc 840
tgggcgcaat gcgcgccatt accgagtcgg ggctgcgcgt tgggtgcggat atctcggtag 900
tgggatacga cgataccgaa gacagctcat gttatatccc gccgttaacc accatcaaac 960
aggattttcg cctgctgggg caaaccagcg tggaccgctt gctgcaactc tctcagggcc 1020
aggcggtgaa gggcaatcag ctgttgcccg tctcactggt gaaaagaaaa accaccctgg 1080
cgcccaatac gcaaaccgcc tctccccgcg cgttggccga ttcattaatg cagctggcac 1140
gacaggtttc ccgactggaa agcggacagt aaggtagcat aggatccagg cacagga 1197

```

<210> 390  
 <211> 61  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Fc-EMP  
 OLIGONUCLEOTIDE

<400> 390

```

tatgaaaggt ggaggtggtg gtggaggtac ttactcttgc cacttcggcc cgctgacttg 60
g

```

<210> 391  
 <211> 72

<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-EMP  
OLIGONUCLEOTIDE

<400> 391  
cggtttgcaa acccaagtca gcgggccgaa gtggcaagag taagtacctc caccaccacc 60  
tccacctttc at 72

<210> 392  
<211> 57  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-EMP  
OLIGONUCLEOTIDE

<400> 392  
gtttgcaaac cgcaggggtgg cggcggcggc ggcggtggta cctattcctg tcatttt 57

<210> 393  
<211> 60  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-EMP  
OLIGONUCLEOTIDE

<400> 393  
ccaggtcagc gggccaaaat gacaggaata ggtaccaccg ccgccgccgc cgccaccctg 60

<210> 394  
<211> 118  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-EMP PCR  
TEMPLATE

<220>

&lt;221&gt; CDS

&lt;222&gt; (2)..(118)

&lt;400&gt; 394

t atg aaa ggt gga ggt ggt ggt gga ggt act tac tct tgc cac ttc ggc 49

Met Lys Gly Gly Gly Gly Gly Gly Gly Thr Tyr Ser Cys His Phe Gly

1

5

10

15

ccg ctg act tgg gtt tgc aaa ccg cag ggt ggc ggc ggc ggc ggc ggt 97

Pro Leu Thr Trp Val Cys Lys Pro Gln Gly Gly Gly Gly Gly Gly Gly

20

25

30

ggt acc tat tcc tgt cat ttt

118

Gly Thr Tyr Ser Cys His Phe

35

&lt;210&gt; 395

&lt;211&gt; 39

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;223&gt; Description of Artificial Sequence:Fc-EMP PCR

TEMPLATE

&lt;400&gt; 395

Met Lys Gly Gly Gly Gly Gly Gly Gly Thr Tyr Ser Cys His Phe Gly

1

5

10

15

Pro Leu Thr Trp Val Cys Lys Pro Gln Gly Gly Gly Gly Gly Gly Gly

20

25

30

Gly Thr Tyr Ser Cys His Phe

35

&lt;210&gt; 396

&lt;211&gt; 61

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence:Fc-EMP PCR

PRIMER

&lt;400&gt; 396

gcagaagagc ctctccctgt ctccgggtaa aggtggaggt ggtgggtggag gtacttactc 60

t

61

<210> 397

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-EMP PCR  
PRIMER

<400> 397

ctaattggat ccacgagatt aaccaccctg cggtttgcaa

40

<210> 398

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc PRIMER

<400> 398

aacataagta cctgtaggat cg

22

<210> 399

<211> 61

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc PRIMER

<400> 399

agagtaagta cctccaccac cacctccacc tttacccgga gacagggaga ggctcttctg 60  
c 61

<210> 400

<211> 61

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EMP-Fc  
OLIGONUCLEOTIDE

&lt;400&gt; 400

ggcccgctga cctgggtatg taagccacaa ggggggtgggg gaggcggggg gtaatctcga 60  
g 61

&lt;210&gt; 401

&lt;211&gt; 50

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EMP-Fc  
OLIGONUCLEOTIDE

&lt;400&gt; 401

gatcctcgag attaccccc gcctccccca ccccttggtg gcttacatac 50

&lt;210&gt; 402

&lt;211&gt; 118

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EMP-Fc PCR  
TEMPLATE

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (1) .. (108)

&lt;400&gt; 402

gtt tgc aaa ccg cag ggt ggc ggc ggc ggc ggc ggt ggt acc tat tcc 48  
Val Cys Lys Pro Gln Gly Gly Gly Gly Gly Gly Gly Gly Thr Tyr Ser  
1 5 10 15

tgt cat ttt ggc ccg ctg acc tgg gta tgt aag cca caa ggg ggt ggg 96  
Cys His Phe Gly Pro Leu Thr Trp Val Cys Lys Pro Gln Gly Gly Gly  
20 25 30

gga ggc ggg ggg taatctcgag 118  
Gly Gly Gly Gly  
35

&lt;210&gt; 403

&lt;211&gt; 36

<212> PRT  
<213> Artificial Sequence  
<223> Description of Artificial Sequence:EMP-Fc PCR  
TEMPLATE

<400> 403  
Val Cys Lys Pro Gln Gly Gly Gly Gly Gly Gly Gly Thr Tyr Ser  
1 5 10 15  
Cys His Phe Gly Pro Leu Thr Trp Val Cys Lys Pro Gln Gly Gly Gly  
20 25 30  
Gly Gly Gly Gly  
35

<210> 404  
<211> 39  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:EMP-Fc PCR  
PRIMER

<400> 404  
ttatttcata tgaaaggtgg taactattcc tgtcatttt 39

<210> 405  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:EMP-Fc PCR  
PRIMER

<400> 405  
tggacatgtg tgagttttgt ccccccgcc tccccaccc cct 43

<210> 406  
<211> 43  
<212> DNA  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence:Fc PRIMER

&lt;400&gt; 406

agggggtggg ggaggcgggg gggacaaaac tcacacatgt cca

43

&lt;210&gt; 407

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence:Fc PRIMER

&lt;400&gt; 407

gttattgctc agcgggtggca

20

&lt;210&gt; 408

&lt;211&gt; 60

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EMP-EMP-Fc  
OLIGONUCLEOTIDE

&lt;400&gt; 408

ttttttatcg atttgattct agatttgagt tttaactttt agaaggagga ataaaatatg 60

&lt;210&gt; 409

&lt;211&gt; 41

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EMP-EMP-Fc  
OLIGONUCLEOTIDE

&lt;400&gt; 409

taaaagttaa aactcaaadc tagaatcaaa tcgataaaaa a

41

&lt;210&gt; 410

&lt;211&gt; 51

&lt;212&gt; DNA



<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EMP-EMP-Fc  
OLIGONUCLEOTIDE

<400> 410

ggaggtactt actcttgcca cttcggcccg ctgacttggg ttgcaaacc g 51

<210> 411

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EMP-EMP-Fc  
OLIGONUCLEOTIDE

<400> 411

agtcagcggg ccgaagtggc aagagtaagt acctcccata tttattcct ccttc 55

<210> 412

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EMP-EMP-Fc  
OLIGONUCLEOTIDE

<400> 412

caggggtggcg gcggcggcgg cggtggtacc tattcctgtc attttggccc gctgacctgg 60

<210> 413

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EMP-EMP-Fc  
OLIGONUCLEOTIDE

<400> 413

aaaatgacag gaataggtac caccgccgcc gccgccgcca ccctgcggtt tgcaaaccga 60

<210> 414  
 <211> 57  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:EMP-EMP-Fc  
 OLIGONUCLEOTIDE

<400> 414  
 gtatgtaagc cacaaggggg tgggggagggc gggggggaca aaactcacac atgtcca 57

<210> 415  
 <211> 60  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:EMP-EMP-Fc  
 OLIGONUCLEOTIDE

<400> 415  
 agttttgtcc cccccgcctc cccaccccc ttgtggctta catacccagg tcagcggggc 60

<210> 416  
 <211> 228  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:EMP-EMP-Fc PCR  
 TEMPLATE

<220>  
 <221> CDS  
 <222> (58)..(228)

<400> 416  
 ttttttatcg atttgattct agatttgagt tttaactttt agaaggagga ataaaat 57

atg gga ggt act tac tct tgc cac ttc ggc ccg ctg act tgg gtt tgc 105  
 Met Gly Gly Thr Tyr Ser Cys His Phe Gly Pro Leu Thr Trp Val Cys  
 1 5 10 15

aaa ccg cag ggt ggc ggc ggc ggc ggc ggt ggt acc tat tcc tgt cat 153

Lys Pro Gln Gly Gly Gly Gly Gly Gly Gly Gly Thr Tyr Ser Cys His  
                   20                                  25                                  30

ttt ggc ccg ctg acc tgg gta tgt aag cca caa ggg ggt ggg gga ggc 201  
 Phe Gly Pro Leu Thr Trp Val Cys Lys Pro Gln Gly Gly Gly Gly Gly  
                   35                                  40                                  45

ggg ggg gac aaa act cac aca tgt cca 228  
 Gly Gly Asp Lys Thr His Thr Cys Pro  
                   50                                  55

&lt;210&gt; 417

&lt;211&gt; 57

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<223> Description of Artificial Sequence:EMP-EMP-Fc PCR  
 TEMPLATE

&lt;400&gt; 417

Met Gly Gly Thr Tyr Ser Cys His Phe Gly Pro Leu Thr Trp Val Cys  
   1                                  5                                  10                                  15

Lys Pro Gln Gly Gly Gly Gly Gly Gly Gly Gly Thr Tyr Ser Cys His  
                   20                                  25                                  30

Phe Gly Pro Leu Thr Trp Val Cys Lys Pro Gln Gly Gly Gly Gly Gly  
                   35                                  40                                  45

Gly Gly Asp Lys Thr His Thr Cys Pro  
                   50                                  55

&lt;210&gt; 418

&lt;211&gt; 40

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:Fc-EMP-EMP PCR  
 PRIMER

&lt;400&gt; 418

ctaattggat cctcgagatt aacccccttg tggcttacat

40

&lt;210&gt; 419

<211> 72  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:EPO-MIMETIC  
 PEPTIDE

<400> 419  
 Xaa Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
     1                    5                    10                    15  
 Gly Pro Xaa Xaa Xaa Xaa Xaa Xaa Xaa Thr Trp Xaa Xaa Xaa Xaa Xaa Xaa  
                     20                    25                    30  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
                     35                    40                    45  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
                     50                    55                    60  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
     65                    70

<210> 420  
 <211> 62  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence:EPO-MIMETIC  
 PEPTIDE

<400> 420  
 Xaa Tyr Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Pro  
     1                    5                    10                    15  
 Xaa Xaa Xaa Xaa Xaa Xaa Thr Trp Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys  
                     20                    25                    30  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
                     35                    40                    45  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
                     50                    55                    60

<210> 421

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

<220>

<223> At position 2, Xaa is R, H, L or W

<220>

<223> At position 3, Xaa is M, F or I

<220>

<223> At position 6, Xaa is any of the 20 genetically  
encoded amino acid residues or a D-stereoisomer  
thereof

<220>

<223> At position 9, Xaa is D, E, I, L or V

<400> 421

Cys	Xaa	Xaa	Gly	Pro	Xaa	Thr	Trp	Xaa	Cys
1				5					10

<210> 422

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

<400> 422

Gly	Gly	Thr	Tyr	Ser	Cys	His	Gly	Pro	Leu	Thr	Trp	Val	Cys	Lys	Pro
1				5					10					15	

Gln Gly Gly

<210> 423

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

<400> 423

Val	Gly	Asn	Tyr	Met	Ala	His	Met	Gly	Pro	Ile	Thr	Trp	Val	Cys	Arg
1				5				10					15		

Pro Gly Gly

<210> 424

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

<400> 424

Gly	Gly	Pro	His	His	Val	Tyr	Ala	Cys	Arg	Met	Gly	Pro	Leu	Thr	Trp
1				5				10					15		

Ile Cys

<210> 425

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

<400> 425

Gly Gly Thr Tyr Ser Cys His Phe Gly Pro Leu Thr Trp Val Cys Lys

1

5

10

15

Pro Gln

&lt;210&gt; 426

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

&lt;400&gt; 426

Gly Gly Leu Tyr Ala Cys His Met Gly Pro Met Thr Trp Val Cys Gln  
1 5 10 15Pro Leu Arg Gly  
20

&lt;210&gt; 427

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

&lt;400&gt; 427

Thr Ile Ala Gln Tyr Ile Cys Tyr Met Gly Pro Glu Thr Trp Glu Cys  
1 5 10 15Arg Pro Ser Pro Lys Ala  
20

&lt;210&gt; 428

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EPO-MIMETIC  
PEPTIDE

&lt;400&gt; 428

Tyr Ser Cys His Phe Gly Pro Leu Thr Trp Val Cys Lys  
1 5 10

&lt;210&gt; 429

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EPO MIMETIC  
PEPTIDE

&lt;400&gt; 429

Tyr Cys His Phe Gly Pro Leu Thr Trp Val Cys  
1 5 10

&lt;210&gt; 430

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:UKR ANTAGONIST  
PEPTIDE

&lt;400&gt; 430

Ala Glu Pro Val Tyr Gln Tyr Glu Leu Asp Ser Tyr Leu Arg Ser Tyr  
1 5 10 15

Tyr

&lt;210&gt; 431

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence



&lt;220&gt;

<223> Description of Artificial Sequence:UKR ANTAGONIST  
PEPTIDE

&lt;400&gt; 431

Ala Glu Leu Asp Leu Ser Thr Phe Tyr Asp Ile Gln Tyr Leu Leu Arg  
1 5 10 15

Thr

&lt;210&gt; 432

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:UKR ANTAGONIST  
PEPTIDE

&lt;400&gt; 432

Ala Glu Phe Phe Lys Leu Gly Pro Asn Gly Tyr Val Tyr Leu His Ser  
1 5 10 15

Ala

&lt;210&gt; 433

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:UKR ANTAGONIST  
PEPTIDE

&lt;400&gt; 433

Phe Lys Leu Xaa Xaa Xaa Gly Tyr Val Tyr Leu  
1 5 10

&lt;210&gt; 434

&lt;211&gt; 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:UKR ANTAGONIST  
PEPTIDE

<400> 434

Ala	Glu	Ser	Thr	Tyr	His	His	Leu	Ser	Leu	Gly	Tyr	Met	Tyr	Thr	Leu
1					5				10					15	

Asn

<210> 435

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:UKR ANTAGONIST  
PEPTIDE

<400> 435

Tyr	His	Xaa	Leu	Xaa	Xaa	Gly	Tyr	Met	Tyr	Thr
1			5					10		

<210> 436

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:MCA/MCP  
INHIBITOR

<400> 436

Arg	Asn	Arg	Gln	Lys	Thr
1			5		

<210> 437

<211> 4

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:MCA/MCP  
INHIBITOR

<400> 437  
Arg Asn Arg Gln  
1

<210> 438  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:MCA/MCP  
INHIBITOR

<400> 438  
Arg Asn Arg Gln Lys  
1 5

<210> 439  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:MCA/MCP  
INHIBITOR

<400> 439  
Asn Arg Gln Lys Thr  
1 5

<210> 440  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:MCA/MCP  
INHIBITOR

<400> 440

Arg Gln Lys Thr

1

<210> 441

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 441

Arg Xaa Glu Thr Xaa Trp Xaa

1

5

<210> 442

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 442

Arg Xaa Glu Thr Xaa Trp Xaa

1

5

<210> 443

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 443

Arg Gly Asp Gly Xaa

1

5

&lt;210&gt; 444

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial

Sequence:INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 444

Cys Arg Gly Asp Gly Xaa Cys

1

5

&lt;210&gt; 445

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial

Sequence:INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 445

Cys Xaa Xaa Arg Leu Asp Xaa Xaa Cys

1

5

&lt;210&gt; 446

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial

Sequence:INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 446

Cys Ala Arg Arg Leu Asp Ala Pro Cys

1

5

&lt;210&gt; 447

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial  
Sequence: INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 447

Cys Pro Ser Arg Leu Asp Ser Pro Cys

1

5

&lt;210&gt; 448

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial  
Sequence: INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 448

Xaa Xaa Xaa Arg Gly Asp Xaa Xaa Xaa

1

5

&lt;210&gt; 449

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial  
Sequence: INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 449

Cys Xaa Cys Arg Gly Asp Cys Xaa Cys

1

5

<210> 450

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 450

Cys Asp Cys Arg Gly Asp Cys Phe Cys  
1 5

<210> 451

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 451

Cys Asp Cys Arg Gly Asp Cys Leu Cys  
1 5

<210> 452

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 452

Cys Leu Cys Arg Gly Asp Cys Ile Cys  
1 5

<210> 453

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence: INTEGRIN-BINDING PEPTIDE

<400> 453

Xaa Xaa Asp Asp Xaa Xaa Xaa Xaa  
1 5

<210> 454

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence: INTEGRIN-BINDING PEPTIDE

<400> 454

Xaa Xaa Xaa Asp Asp Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 455

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence: INTEGRIN-BINDING PEPTIDE

<400> 455

Cys Trp Asp Asp Gly Trp Leu Cys  
1 5

<210> 456

<211> 9

<212> PRT

<213> Artificial Sequence



<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 456

Cys Trp Asp Asp Leu Trp Trp Leu Cys  
1 5

<210> 457

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 457

Cys Trp Asp Asp Gly Leu Met Cys  
1 5

<210> 458

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

<400> 458

Cys Trp Asp Asp Gly Trp Met Cys  
1 5

<210> 459

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial  
Sequence:INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 459

Cys Ser Trp Asp Asp Gly Trp Leu Cys  
 1 5

&lt;210&gt; 460

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial  
 Sequence:INTEGRIN-BINDING PEPTIDE

&lt;400&gt; 460

Cys Pro Asp Asp Leu Trp Trp Leu Cys  
 1 5

&lt;210&gt; 461

&lt;211&gt; 40

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:EPO-MIMETIC  
 PEPTIDE

&lt;400&gt; 461

Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly  
 1 5 10 15

Pro Xaa Xaa Xaa Xaa Xaa Xaa Thr Trp Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 35 40

&lt;210&gt; 462

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

&lt;400&gt; 462

Cys	Gln	Asn	Arg	Tyr	Thr	Asp	Leu	Val	Ala	Ile	Gln	Asn	Lys	Asn	Glu
1				5					10					15	

&lt;210&gt; 463

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial  
Sequence:SELECTIN-ANTAGONIST PEPTIDE

&lt;400&gt; 463

Ala	Glu	Asn	Trp	Ala	Asp	Asn	Glu	Pro	Asn	Asn	Lys	Arg	Asn	Asn	Glu
1				5					10					15	

Asp

&lt;210&gt; 464

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

&lt;400&gt; 464

Arg	Lys	Asn	Asn	Lys	Thr	Trp	Thr	Trp	Val	Gly	Thr	Lys	Lys	Ala	Leu
1				5					10					15	

Thr Asn Glu

&lt;210&gt; 465

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

&lt;400&gt; 465

Lys Lys Ala Leu Thr Asn Glu Ala Glu Asn Trp Ala Asp  
1 5 10

&lt;210&gt; 466

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

&lt;400&gt; 466

Cys Gln Xaa Arg Tyr Thr Asp Leu Val Ala Ile Gln Asn Lys Xaa Glu  
1 5 10 15

&lt;210&gt; 467

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

&lt;400&gt; 467

Arg Lys Xaa Asn Xaa Xaa Trp Thr Trp Val Gly Thr Xaa Lys Xaa Leu  
1 5 10 15

Thr Glu Glu

&lt;210&gt; 468

&lt;211&gt; 17

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

<400> 468

Ala	Glu	Asn	Trp	Ala	Asp	Gly	Glu	Pro	Asn	Asn	Lys	Xaa	Asn	Xaa	Glu
1				5					10					15	

Asp

<210> 469  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

<400> 469

Cys	Xaa	Xaa	Xaa	Tyr	Thr	Xaa	Leu	Val	Ala	Ile	Gln	Asn	Lys	Xaa	Glu
1				5					10					15	

<210> 470  
<211> 19  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

<400> 470

Arg	Lys	Xaa	Xaa	Xaa	Xaa	Trp	Xaa	Trp	Val	Gly	Thr	Xaa	Lys	Xaa	Leu
1				5					10					15	

Thr Xaa Glu

<210> 471  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

<400> 471  
Ala Xaa Asn Trp Xaa Xaa Xaa Glu Pro Asn Asn Xaa Xaa Xaa Glu Asp  
1 5 10 15

<210> 472  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:SELECTIN  
ANTAGONIST PEPTIDE

<400> 472  
Xaa Lys Xaa Lys Thr Xaa Glu Ala Xaa Asn Trp Xaa Xaa  
1 5 10

<210> 473  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN-MIMETIC PEPTIDE

<220>  
<223> At position 1, Xaa is asp-arg-met-pro-cys,  
arg-met-pro-cys, met-pro-cys, pro-cys, or cys

<220>  
<223> At position 2, Xaa is arg or lys

<220>

<223> At position 10, Xaa is ser or thr

<220>

<223> At position 12, xaa is cys:lys or cys

<400> 473

Xaa	Xaa	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Xaa	Ser	Xaa
1				5					10		

<210> 474

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN-MIMETIC PEPTIDE

<400> 474

Asp	Arg	Met	Pro	Cys	Arg	Asn	Phe	Phe	Phe	Trp	Lys	Thr	Phe	Ser	Ser
1				5					10					15	

Cys Lys

<210> 475

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN-MIMETIC PEPTIDE

<400> 475

Met	Pro	Cys	Arg	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Ser	Ser	Cys	Lys
1				5				10					15	

<210> 476

<211> 13

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN-MIMETIC PEPTIDE

&lt;400&gt; 476

Cys Arg Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys Lys  
1 5 10

&lt;210&gt; 477

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN-MIMETIC PEPTIDE

&lt;400&gt; 477

Asp Arg Met Pro Cys Arg Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys  
1 5 10 15

&lt;210&gt; 478

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 478

Met Pro Cys Arg Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys  
1 5 10

&lt;210&gt; 479

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence:SOMATOSTATIN/



## CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 479

Cys Arg Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys  
1 5 10

&lt;210&gt; 480

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 480

Asp Arg Met Pro Cys Lys Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys  
1 5 10 15

&lt;210&gt; 481

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 481

Met Pro Cys Lys Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys Lys  
1 5 10 15

&lt;210&gt; 482

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 482

Cys Lys Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys Lys  
1 5 10

<210> 483

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 483

Asp Arg Met Pro Cys Lys Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys  
1 5 10 15

<210> 484

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Fc-TMP

<400> 484

Met Pro Cys Lys Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys  
1 5 10

<210> 485

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 485

Cys Lys Asn Phe Phe Trp Lys Thr Phe Ser Ser Cys  
1 5 10

<210> 486

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 486

Asp	Arg	Met	Pro	Cys	Arg	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5					10					15	

Lys

<210> 487

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 487

Met	Pro	Cys	Arg	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys	Lys
1				5				10					15	

<210> 488

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 488

Cys	Arg	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys	Lys
1				5				10				

<210> 489

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 489

Asp	Arg	Met	Pro	Cys	Arg	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5					10					15	

<210> 490

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 490

Met	Pro	Cys	Arg	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5				10					

<210> 491

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 491

Cys	Arg	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5				10			

<210> 492

<211> 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 492

Asp	Arg	Met	Pro	Cys	Lys	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5					10					15	

Lys

&lt;210&gt; 493

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 493

Met	Pro	Cys	Lys	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys	Lys
1				5				10					15	

&lt;210&gt; 494

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

&lt;400&gt; 494

Cys	Lys	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys	Lys
1				5				10				

&lt;210&gt; 495

&lt;211&gt; 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 495

Asp	Arg	Met	Pro	Cys	Lys	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5					10					15	

<210> 496

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 496

Met	Pro	Cys	Lys	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5				10					

<210> 497

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SOMATOSTATIN/  
CORTISTATIN MIMETIC PEPTIDE

<400> 497

Cys	Lys	Asn	Phe	Phe	Trp	Lys	Thr	Phe	Thr	Ser	Cys
1				5				10			

<210> 498

<211> 25

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:CAP37  
MIMETIC/LPS BINDING PEPTIDE

&lt;400&gt; 498

Asn Gln Gly Arg His Phe Cys Gly Gly Ala Leu Ile His Ala Arg Phe  
1 5 10 15Val Met Thr Ala Ala Ser Cys Phe Gln  
20 25

&lt;210&gt; 499

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:CAP37  
MIMETIC/LPS BINDING PEPTIDE

&lt;400&gt; 499

Arg His Phe Cys Gly Gly Ala Leu Ile His Ala Arg Phe Val Met Thr  
1 5 10 15Ala Ala Ser Cys  
20

&lt;210&gt; 500

&lt;211&gt; 27

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:CAP37  
MIMETIC/LPS BINDING PEPTIDE

&lt;400&gt; 500

Gly Thr Arg Cys Gln Val Ala Gly Trp Gly Ser Gln Arg Ser Gly Gly  
1 5 10 15Arg Leu Ser Arg Phe Pro Arg Phe Val Asn Val  
20 25

<210> 501  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: VEGF-ANTAGONIST  
PEPTIDE

<400> 501  
Gly Glu Arg Trp Cys Phe Asp Gly Pro Arg Ala Trp Val Cys Gly Trp  
1 5 10 15

Glu Ile

<210> 502  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: VEGF ANTAGONIST  
PEPTIDE

<400> 502  
Glu Glu Leu Trp Cys Phe Asp Gly Pro Arg Ala Trp Val Cys Gly Tyr  
1 5 10 15

Val Lys

<210> 503  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: ANTIPATHOGENIC  
PEPTIDE

<400> 503  
Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys



1 5 10 15

Thr Leu Leu Ser Ala Val Gly Ser Ala Leu Ser Ser Ser Gly Gly Gln  
20 25 30

Gln

<210> 504

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ANTIPATHOGENIC  
PEPTIDE

<220>

<223> At positions 7, 18 and 19, D amino acid residue

<400> 504

Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys  
1 5 10 15

Thr Leu Leu Ser Ala Val Gly Ser Ala Leu Ser Ser Ser Gly Gly Gln  
20 25 30

Glu

<210> 505

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ANTIPATHOGENIC  
PEPTIDE

<220>

<223> At positions 18 and 19, D amino acid residues

<400> 505

Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys

1

5

10

15

Thr Leu Leu Ser Ala Val  
20

&lt;210&gt; 506

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:VIP MIMETIC  
PEPTIDE

&lt;220&gt;

&lt;223&gt; At positions 7, 18 and 19, D amino acid residues

&lt;400&gt; 506

Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys  
1 5 10 15

Thr Leu Leu Ser Ala Val  
20

&lt;210&gt; 507

&lt;211&gt; 23

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:VIP MIMETIC  
PEPTIDE

&lt;220&gt;

&lt;223&gt; At positions 8, 19 and 20, D amino acid residues

&lt;400&gt; 507

Lys Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe  
1 5 10 15

Lys Thr Leu Leu Ser Ala Val  
20